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OM protein - nucleic search, using frame_plus_p2n model

Run on: November 9, 2002, 07:39:20 ; Search time 69 Seconds

(without alignments)
844.472 Million cell updates/sec

Title: US-09-895-298A-83

Perfect score: 190

Sequence: 1 MMNFQPSKAMRASQMTTF.....HDGSLDLRSRSVQEGNPRA 190

Scoring table:

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Xgapop 60.0 , Xgapext 60.0
Ygapop 60.0 , Ygapext 60.0
Fgapop 6.0 , Fgapext 7.0
Delop 6.0 , Delext 7.0

Searched: 441362 segs, 153338381 residues

Word size: 4

Total number of hits satisfying chosen parameters: 161137

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

Command line parameters:

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-DB=Issued_Patents_NA -QFMT=fastat -SUFFIX=oligna.rni -MINMATCH=0.1 -LOOPCL=0
-LOOPEXT=0 -UNITS=bits -START=1 -END=1 -MATRIX=oligo -TRANS=human40.cdi
-LIST=45 -DOCALIGN=200 -THR_SCORE=quality -THR_MIN=4 -ALIGN=15 -MODE=LOCAL
-OUTFMT=ptc -NORM=ext -HEAPSIZE=500 -MINLEN=0 -MAXLEN=200000000
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-WARN_TIMEOUT=30 -THREADS=1 -XGAPOP=60 -XGAPEXT=60 -FGAPOP=6 -FGAPEXT=7
-YGAPOP=60 -YGAPEXT=60 -DELOP=6 -DELEXT=7

Database :

Issued_Patents_NA:*
1: /cgn2_6/ptodata/1/ina/5A.COMB.seq:*
2: /cgn2_6/ptodata/1/ina/5B.COMB.seq:*
3: /cgn2_6/ptodata/1/ina/6A.COMB.seq:*
4: /cgn2_6/ptodata/1/ina/6B.COMB.seq:*
5: /cgn2_6/ptodata/1/ina/PCTUS.COMB.seq:*
6: /cgn2_6/ptodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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2	8	4.2	1825	4	US-09-184-964-1
3	7	3.7	56	2	US-08-244-434-6
4	7	3.7	56	2	US-08-244-434-7
5	7	3.7	237	4	US-09-134-001C-1756
6	7	3.7	257	1	US-08-700-575-4
7	7	3.7	320	4	US-09-183-266A-18
8	7	3.7	336	2	US-08-577-492-36
9	7	3.7	336	4	US-09-079-630-36
10	7	3.7	387	4	US-09-329-884-1
11	7	3.7	418	4	US-09-221-017B-915
12	7	3.7	525	4	US-09-329-884-15

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	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
	525	567	603	603	758	837	882	1093	1215	1383	1404	1404	1455	1553	1619	1692	1722	1941	1944	1978	2061	2061	2061	2061	2061	2061	2061	2061	2061	2061	2241	2241	2254
	4	4	5	5	2	6	6	6	4	4	2	2	4	4	2	4	4	4	4	4	1	2	3	3	3	4	4	4	4	4	4	4	4
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	Sequence 17, Appl	Sequence 26, Appl	Sequence 27, Appl	Sequence 28, Appl	Sequence 2, Appl	Sequence 13, Appl	Patent No. 5338678	Patent No. 5223425	Sequence 63, Appl	Sequence 532, App	Sequence 1, Appl	Sequence 2, Appl	Sequence 33, Appl	Sequence 1, Appl	Sequence 2, Appl	Sequence 9, Appl	Sequence 15, Appl	Sequence 1, Appl	Sequence 2621, Ap	Sequence 90, Appl	Sequence 7, Appl	Sequence 7, Appl	Sequence 7, Appl	Sequence 7, Appl	Sequence 7, Appl	Sequence 7, Appl	Sequence 7, Appl	Sequence 7, Appl	Sequence 7, Appl	Sequence 3, Appl	Sequence 3, Appl	Sequence 3, Appl	

ALIGNMENTS

RESULT 1
US-09-328-111-39
Sequence 39, Application US/09328111
Patent No. 6262333
GENERAL INFORMATION:
APPLICANT: Endege, Wilson O.
APPLICANT: Steinmann, Kathleen E.
APPLICANT: Astle, Jon H.
APPLICANT: Burgess, Christopher C.
APPLICANT: Bushnell, Steven E.
APPLICANT: Carroll III, Eddie
APPLICANT: Catino, Theodore J.
APPLICANT: Dertl, Adnan
APPLICANT: Ford, Donna M.
APPLICANT: Lewis, Marcia E.
APPLICANT: Monahan, John E.
TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION
TITLE OF INVENTION: PRODUCTS
FILE REFERENCE: CCD-257 (US)
CURRENT APPLICATION NUMBER: US/09/328.111
CURRENT FILING DATE: 1999-06-08
EARLIER APPLICATION NUMBER: US 60/088.801
EARLIER FILING DATE: 1998-06-10
NUMBER OF SEQ ID NOS: 850
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 39
LENGTH: 592
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc-feature
LOCATION: (1)..
OTHER INFORMATION: n = A,T,C or G
US-09-328-111-39

Alignment Scores:

Pred. No.: 15.4 Length: 592
Score: 8.00 Matches: 8
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 4.21% Indels: 0
DB: 4 Gaps: 0

US-09-895-298A-83 (1-190) x US-09-328-111-39 (1-592)

OY 91 Phephepheleuthreulle 98

Db 45 TTTTTCATATTGACATTATA 68

RESULT 2

US-09-184-964-1/C

; Sequence 1, Application US/09184964

; Patent No. 6391574

; GENERAL INFORMATION:

; APPLICANT: Rine, Jasper D.

; APPLICANT: Boyartchuk, Victor L.

; APPLICANT: Ashby, Matthew N.

; TITLE OF INVENTION: AFCL AND RCEL: ISOPRENYLATED CAAX

; TITLE OF INVENTION: PROCESSING ENZYMES

; NUMBER OF SEQUENCES: 4

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Fish & Richardson P.C.

; STREET: 2200 Sand Hill road, suite 100

; CITY: Menlo Park

; STATE: CA

; COUNTRY: USA

; ZIP: 94025

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: Patentin Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/184,964

; FILING DATE: 03-NOV-1998

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/902,774

; FILING DATE: 30-JUL-1997

; APPLICATION NUMBER: 60/023,491

; FILING DATE: 07-AUG-1996

; ATTORNEY/AGENT INFORMATION:

; NAME: Suyat, Reginald J.

; REGISTRATION NUMBER: 28,172

; REFERENCE/DOCKET NUMBER: 09272-006004

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 650/322-5070

; TELEFAX: 650/854-0875

; INFORMATION FOR SEQ ID NO: 1:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 1825 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: unknown

; TOPOLOGY: unknown

; MOLECULE TYPE: Genomic DNA

US-09-184-964-1

Alignment Scores:

Pred. No.: 47.2 Length: 1825
Score: 8.00 Matches: 8
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 4.21% Indels: 0
DB: 4 Gaps: 0

US-09-895-298A-83 (1-190) x US-09-184-964-1 (1-1825)

OY 22 Phephepheleuthreulle 29

Db 11 TTTTTCATATTGACATTATA 68

Db 318 TTCCTCCTTTTTCCTTCCTT 295

RESULT 3

US-08-244-434-6

; Sequence 6, Application US/08244434

; Patent No. 5854004

; GENERAL INFORMATION:

; APPLICANT: Czernilofsky, A.P.

; APPLICANT: Himmler, A.

; APPLICANT: Stratowa, C.

; APPLICANT: Weyer, U.

; APPLICANT: lamche, H.

; APPLICANT: Sch fer, R.

; TITLE OF INVENTION: Process for Screening Substances Capable of

; TITLE OF INVENTION: Modulating a Receptor-Dependent Cellular Signal

; NUMBER OF SEQUENCES: 37

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Sterne, Kessler, Goldstein & Fox

; STREET: 1100 New York Avenue, Suite 600

; CITY: Washington

; STATE: D.C.

; COUNTRY: U.S.A.

; ZIP: 20005

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patentin Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/244,434

; FILING DATE: 25-MAY-1994

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: PCT/92/02718

; FILING DATE: PCT Filing Date: 25-NOV-1992

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Esmund, Robert W.

; REGISTRATION NUMBER: 32,893

; REFERENCE/DOCKET NUMBER: 0652.1340000/RWE

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (202) 371-2600

; TELEFAX: (202) 371-2540

; INFORMATION FOR SEQ ID NO: 6:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 56 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: both

; TOPOLOGY: linear

; MOLECULE TYPE: oligonucleotide

US-08-244-434-6

Alignment Scores:

Pred. No.: 16.8 Length: 56
Score: 7.00 Matches: 7
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 3.68% Indels: 0
DB: 2 Gaps: 0

US-09-895-298A-83 (1-190) x US-08-244-434-6 (1-56)

OY 150 ProserSerleuVallengl 156

Db 11 CCGAGCTCAGTACTTCTAGAA 31

RESULT 4

US-08-244-434-7

; Sequence 7, Application US/08244434

; Patent No. 5854004

; GENERAL INFORMATION:

; APPLICANT: Czernilofsky, A.P.

APPLICANT: Himmler, A.
APPLICANT: Stratowa, C.
APPLICANT: Weyer, U.
APPLICANT: Lamche, H.
APPLICANT: Sch fer, R.
TITLE OF INVENTION: Process for Screening Substances Capable of
Modulating a Receptor-Dependent Cellular Signal
TITLE OF INVENTION: Transmission Path
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, Suite 600
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/244,434
FILING DATE: 25-MAY-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/92/02718
FILING DATE: PCT Filing Date: 25-NOV-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Edmond, Robert W.
REGISTRATION NUMBER: 32,893
REFERENCE/DOCKET NUMBER: 0652.1340000/RWE
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 56 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: oligonucleotide
US-08-244-434-7
Alignment Scores:
Pred. No.: 16.8 Length: 56
Score: 7.00 Matches: 7
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 3.68% Indels: 0
DB: 2 Gaps: 0
US-09-895-298A-83 (1-190) x US-08-244-434-7 (1-56)
QY 150 ProSerSerLeuValLeuGlu 156
DB 11 CCGAGCTCAGTGTCTTAGAA 31
RESULT 5
US-09-134-001C-1756/C
Sequence 1756, Application US/09134001C
Patent No. 6380370
GENERAL INFORMATION:
APPLICANT: Lynn Doucette-Stamm et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS
TITLE OF INVENTION: EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: GTC-007
CURRENT APPLICATION NUMBER: US/09/134,001C
CURRENT FILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: US 60/064,964
PRIOR FILING DATE: 1997-11-08
PRIOR APPLICATION NUMBER: US 60/055,779

PRIOR FILING DATE: 1997-08-14
NUMBER OF SEQ ID NOS: 5674
SEQ ID NO 1756
LENGTH: 237
TYPE: DNA
ORGANISM: Staphylococcus epidermidis
US-09-134-001C-1756
Alignment Scores:
Pred. No.: 70.7 Length: 237
Score: 7.00 Matches: 7
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 3.68% Indels: 0
DB: 4 Gaps: 0
US-09-895-298A-83 (1-190) x US-09-134-001C-1756 (1-237)
QY 18 ThrPhePheIlePheLeuLeu 24
DB 206 ACTTTTTCATTTCTTATTA 186
RESULT 6
US-08-700-575-4/C
Sequence 4, Application US/08700575
Patent No. 5817479
GENERAL INFORMATION:
APPLICANT: Au-Young, Janice
APPLICANT: Bandman, Olga
APPLICANT: Hawkins, Phillip R.
APPLICANT: Wilde, Craig G.
TITLE OF INVENTION: NOVEL HUMAN KINASE HOMOLOGS
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 PORTER DRIVE
CITY: PALO ALTO
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/700,575
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: BILLINGS, LUCY J
REGISTRATION NUMBER: 36749
REFERENCE/DOCKET NUMBER: SP-100 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 257 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
IMMEDIATE SOURCE:
LIBRARY: THP-1 Phorbol lPS
CLONE: 12702
US-08-700-575-4
Alignment Scores:
Pred. No.: 76.6 Length: 257
Score: 7.00 Matches: 7
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0

Query Match: 3.68% Indels: 0
DB: 1 Gaps: 0
US-09-895-298A-83 (1-190) x US-08-700-575-4 (1-257)
QY 50 GlyProPheArgGlyLeuPro 56
|||||
DB 234 GGACCTTTCAGGGGACTTCCA 214
RESULT 7
US-09-183-266A-18/c
; Sequence 18, Application US/09183266A
; Patent No. 6361954
; GENERAL INFORMATION:
; APPLICANT: Stillman, Bruce
; APPLICANT: Williams, R. Sanders
; APPLICANT: Mendez, Juan
; TITLE OF INVENTION: DNA REPLICATION-REGULATING GENES,
; TITLE OF INVENTION: ANTIBODIES THERETO AND DIAGNOSTIC APPLICATIONS THEREOF
; FILE REFERENCE: CSHL96-01A3
; CURRENT APPLICATION NUMBER: US/09/183,266A
; CURRENT FILING DATE: 1998-10-30
; PRIOR APPLICATION NUMBER: PCT/US97/07333
; PRIOR FILING DATE: 1997-05-02
; PRIOR APPLICATION NUMBER: 08/648,650
; PRIOR FILING DATE: 1996-05-15
; PRIOR APPLICATION NUMBER: 08/643,034
; PRIOR FILING DATE: 1996-05-02
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 18
; LENGTH: 320
; TYPE: DNA
; ORGANISM: H. sapiens
US-09-183-266A-18
Alignment Scores:
Pred. No.: 95.3 Length: 320
Score: 7.00 Matches: 7
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 3.68% Indels: 0
DB: 4 Gaps: 0
US-09-895-298A-83 (1-190) x US-09-183-266A-18 (1-320)
QY 21 IlePheLeuLeuPhePhePro 27
|||||
DB 133 ATCTCTCTCTCTCTTTCCC 113
RESULT 8
US-08-577-492-36
; Sequence 36, Application US/08577492
; Patent No. 5851784
; GENERAL INFORMATION:
; APPLICANT: Owens, Raymond John
; APPLICANT: Perry, Martin John
; APPLICANT: Lumb, Simon Mark
; TITLE OF INVENTION: HUMAN PHOSPHODIESTERASE TYPE IVC, AND
; TITLE OF INVENTION: ITS PRODUCTION AND USE
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5851784ris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/577,492
; FILING DATE: 22-DEC-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9426227.6
; FILING DATE: 23-DEC-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9512996.1
; FILING DATE: 26-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Cherry, David A.
; REGISTRATION NUMBER: 35,099
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 336 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
US-08-577-492-36
Alignment Scores:
Pred. No.: 100 Length: 336
Score: 7.00 Matches: 7
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 3.68% Indels: 0
DB: 2 Gaps: 0
US-09-895-298A-83 (1-190) x US-08-577-492-36 (1-336)
QY 178 ArgSerArgArgSerValGln 184
|||||
DB 21 CGCAGTCGCGCGCTCGTCCAG 41
RESULT 9
US-09-079-630-36
; Sequence 36, Application US/09079630
; Patent No. 6291199
; GENERAL INFORMATION:
; APPLICANT: Owens, Raymond John
; APPLICANT: Perry, Martin John
; APPLICANT: Lumb, Simon Mark
; TITLE OF INVENTION: HUMAN PHOSPHODIESTERASE TYPE IVC, AND
; TITLE OF INVENTION: ITS PRODUCTION AND USE
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6291199ris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/079,630
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/577,492
; FILING DATE: 22-DEC-1995
; APPLICATION NUMBER: GB 9426227.6
; FILING DATE: 23-DEC-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9512996.1
; FILING DATE: 26-JUN-1995

```
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Cherry, David A.
; REGISTRATION NUMBER: 35,099
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 336 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
;
US-09-079-630-36

Alignment Scores:
Pred. No.: 100          Length: 336
Score: 7.00           Matches: 7
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 3.68%      Indels: 0
DB: 4                  Gaps: 0

US-09-895-298A-83 (1-190) x US-09-079-630-36 (1-336)

QY 178 ArgSerArgArgSerValGln 184
   |||||
Db 21 CGCAGTCGGCGCTCGGTCCAG 41

RESULT 10
US-09-329-884-1
; Sequence 1, Application US/09329884
; Patent No. 6342233
; GENERAL INFORMATION:
; APPLICANT: Irvin, Randall T.
; TITLE OF INVENTION: PSEUDOMONAS TREATMENT
; FILE REFERENCE: 8900-0008.30
; CURRENT APPLICATION NUMBER: US/09/329,884
; EARLIER FILING DATE: 1999-06-11
; EARLIER APPLICATION NUMBER: US 60/089,155
; EARLIER FILING DATE: 1998-06-12
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 387
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (0)...(0)
US-09-329-884-1

Alignment Scores:
Pred. No.: 115          Length: 387
Score: 7.00           Matches: 7
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 3.68%      Indels: 0
DB: 4                  Gaps: 0

US-09-895-298A-83 (1-190) x US-09-329-884-1 (1-387)

QY 163 GlnGlyPheLeuHisLeuGly 169
   |||||
Db 300 CAAGGTTCTTACACTGGGC 320

RESULT 11
US-09-221-017B-915/C
; Sequence 915, Application US/09221017B
; Patent No. 6444799
; GENERAL INFORMATION:
; APPLICANT: Ross, Bruce C.
```

```
;
; TITLE OF INVENTION: P. GINGIVALIS NUCLEOTIDES AND USES THEREOF
; NUMBER OF SEQUENCES: 1120
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/221,017B
; FILING DATE: 23-DEC-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PP1182
; FILING DATE: 31-DEC-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PP1546
; FILING DATE: 30-JAN-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PP2911
; FILING DATE: 09-APR-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/AU98/01023
; FILING DATE: 10-DEC-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Monroy, Gladys H
; REGISTRATION NUMBER: 32,430
; REFERENCE/DOCKET NUMBER: 27340-20021.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 915:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 418 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: circular
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: UNKNOWN
; ORIGINAL SOURCE:
; ORGANISM: PORYPHYROMONAS GINGIVALIS
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: 1...418
US-09-221-017B-915

Alignment Scores:
Pred. No.: 124          Length: 418
Score: 7.00           Matches: 7
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 3.68%      Indels: 0
DB: 4                  Gaps: 0

US-09-895-298A-83 (1-190) x US-09-221-017B-915 (1-418)

QY 19 PhePheIlePheLeuPhe 25
   |||||
Db 135 TTTTCATCTTTTACTCTT 115

RESULT 12
US-09-329-884-15
; Sequence 15, Application US/09329884
; Patent No. 6342233
; GENERAL INFORMATION:
```

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; APPLICANT: Irvin, Randall T.
; TITLE OF INVENTION: PSEUDOMONAS TREATMENT
; TITLE OF INVENTION: COMPOSITION AND METHOD
; FILE REFERENCE: 8900-0008.30
; CURRENT APPLICATION NUMBER: US/09/329,884
; EARLIER APPLICATION NUMBER: US 60/089,155
; EARLIER FILING DATE: 1998-06-12
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for windows version 3.0
; SEQ ID NO 15
; LENGTH: 525
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (0)...(0)
US-09-329-884-15
```

```
Alignment Scores:
Pred. No.: 156      Length: 525
Score: 7.00      Matches: 7
Percent Similarity: 100.00%      Conservative: 0
Best Local Similarity: 100.00%      Mismatches: 0
Query Match: 3.68%      Indels: 0
DB: 4      Gaps: 0
```

US-09-895-298A-83 (1-190) x US-09-329-884-15 (1-525)

```
QY 163 GInGlypheLeuHIsLeuGly 169
Db 438 CAAGGCTTCTTACTTGCGC 458
```

```
RESULT 13
US-09-329-884-17
; Sequence 17, Application US/09329884
; Patent No. 6342233
; GENERAL INFORMATION:
; APPLICANT: Irvin, Randall T.
; APPLICANT: Hodges, Robert S.
; TITLE OF INVENTION: PSEUDOMONAS TREATMENT
; TITLE OF INVENTION: COMPOSITION AND METHOD
; FILE REFERENCE: 8900-0008.30
; CURRENT APPLICATION NUMBER: US/09/329,884
; CURRENT FILING DATE: 1999-06-11
; EARLIER APPLICATION NUMBER: US 60/089,155
; EARLIER FILING DATE: 1998-06-12
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for windows version 3.0
; SEQ ID NO 17
; LENGTH: 525
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (0)...(0)
US-09-329-884-17
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```
Alignment Scores:
Pred. No.: 156      Length: 525
Score: 7.00      Matches: 7
Percent Similarity: 100.00%      Conservative: 0
Best Local Similarity: 100.00%      Mismatches: 0
Query Match: 3.68%      Indels: 0
DB: 4      Gaps: 0
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US-09-895-298A-83 (1-190) x US-09-329-884-17 (1-525)

```
QY 163 GInGlypheLeuHIsLeuGly 169
Db 438 CAAGGCTTCTTACTTGCGC 458
```

```
RESULT 14
US-09-740-235-26/C
; Sequence 26, Application US/09740235
; Patent No. 6448041
; GENERAL INFORMATION:
; APPLICANT: Wølven, Amy K.
; APPLICANT: Krasnow, Randi E.
; APPLICANT: Warren, Bridget A.
; APPLICANT: Baughn, Mariah R.
; TITLE OF INVENTION: COLON CANCER MARKER
; FILE REFERENCE: PC-0031 CIP
; CURRENT APPLICATION NUMBER: US/09/740,235
; CURRENT FILING DATE: 2000-12-18
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PERL Program
; SEQ ID NO 26
; LENGTH: 567
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; FEATURE:
; NAME/KEY: misc.feature
; OTHER INFORMATION: Incyte ID No. 6448041 702081830H1
US-09-740-235-26
```

```
Alignment Scores:
Pred. No.: 168      Length: 567
Score: 7.00      Matches: 7
Percent Similarity: 100.00%      Conservative: 0
Best Local Similarity: 100.00%      Mismatches: 0
Query Match: 3.68%      Indels: 0
DB: 4      Gaps: 0
```

US-09-895-298A-83 (1-190) x US-09-740-235-26 (1-567)

```
QY 21 IllePheLeuHephePro 27
Db 59 ATCTTTTACTTTTTCCT 39
```

```
RESULT 15
PCT-US92-01691-27/C
; Sequence 27, Application PC/TUS9201691
; GENERAL INFORMATION:
; APPLICANT: LIVAK, KENNETH J.
; APPLICANT: RAFALSKI, J. A.
; APPLICANT: SHEPHERD, NANCY S.
; TITLE OF INVENTION: METHOD OF IDENTIFYING A
; TITLE OF INVENTION: NUCLEOTIDE PRESENT AT A
; TITLE OF INVENTION: DEFINED POSITION IN A
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DU PONT COMPANY
; STREET: BARLEY MILL PLAZA 36/2152
; CITY: WILMINGTON
; STATE: DELAWARE
; COUNTRY: USA
; ZIP: 19880-0036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.0 MB
; COMPUTER: Macintosh
; OPERATING SYSTEM: Macintosh System, 6.0
; SOFTWARE: Microsoft Word, 4.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US92/01691
; FILING DATE: 19920312
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/669,568
; FILING DATE: March 13, 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: GALLEGOS, R. THOMAS
; REFERENCE/DOCKET NUMBER: CR-8918
; TELECOMMUNICATION INFORMATION:
```

TELEPHONE: 302-892-7342
TELEFAX: 302-892-7949
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 603 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US92-01691-27

Alignment Scores:
Pred. No.: 179 Length: 603
Score: 7.00 Matches: 7
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 3.68% Indels: 0
DB: 5 Gaps: 0

US-09-895-298A-83 (1-190) x PCT-US92-01691-27 (1-603)

QY 23 LeuLeuPhePheProSerPhe 29
|||||
DB 247 CTACTATTTTTCCATCCTTC 227

Search completed: November 9, 2002, 09:10:04
Job time : 72 secs

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